

ABSTRACT

The invention relates to a method of increasing the control precision of the path of a product in a levelling machine comprising: a fixed support cage (1); two levelling assemblies with parallel rollers, which are placed above (2) and below (2') the strip respectively; the devices necessary in order to adjust the interlocking of the rollers (3, 52); means (35) for measuring the levelling forces at least of two sides of the machine; and a theoretical pre-setting model (110). The inventive method consists in: directly measuring at least one value for the spacing of the levelling rollers, which is compared to reference values; and using the members for adjusting the position of the levelling rollers (3, 52) in order to maintain the measured values equal to the reference values. The invention is particularly suitable for machines used to level flat metal products.